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TCS-84006/65
March 1965

17016

CENTRAL INTELLIGENCE AGENCY
PHOTOGRAPHIC INTELLIGENCE REPORT

AIRCRAFT ENGINE PLANT STALIN NO 19 PERM, USSR

Declass Review by NIMA/DOD



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PHOTOGRAPHIC INTELLIGENCE DIVISION

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GROUP 1
Excluded from automatic
downgrading and declassification

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AIRCRAFT ENGINE PLANT STALIN NO 19

PERM, USSR 25X1A

25X1A

.25X1A

Perm Aircraft Engine Plant Stalin No 19 is located at 57-59-00N 56-15-20E in the southern suburbs of Perm, USSR (Figure 1). It is approximately 2.5 nautical miles northeast of Perm Airfield South-

west [REDACTED] and immediately north of Molotov Aircraft Components Plant No 33 [REDACTED]. The plant is served by roads and 2 rail spurs. Item numbers which are keyed to Table 1 appear in Figure 2.

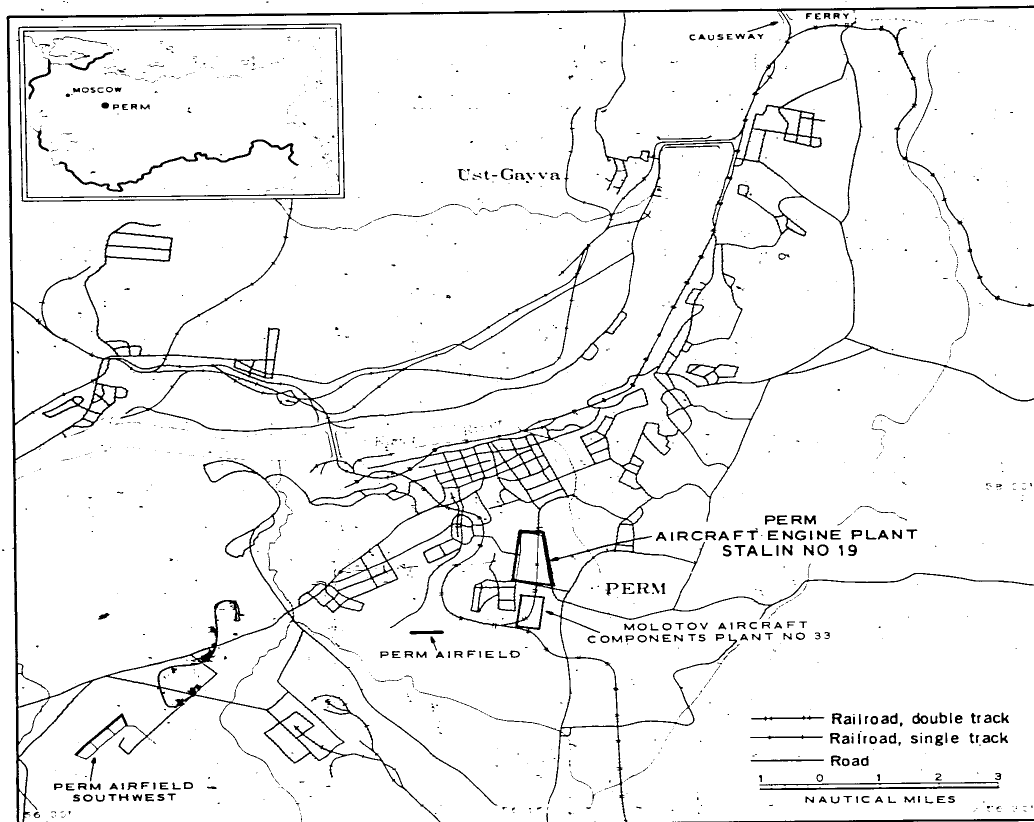


FIGURE 1. LOCATION MAP.

- 1 -

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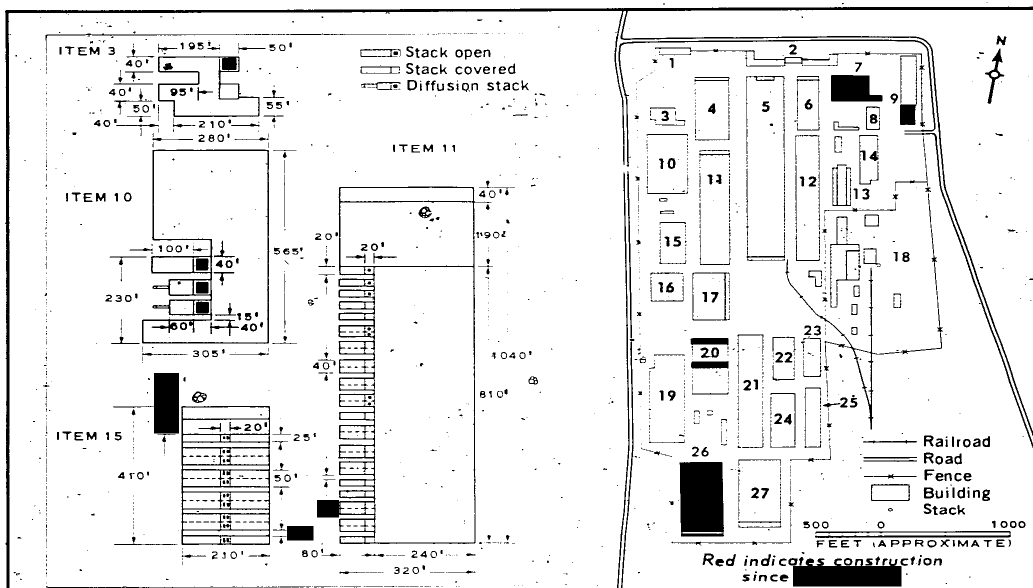
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25X1D



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When observed on [REDACTED] KEYHOLE photography, the Perm Aircraft Engine Plant Stalin No 19 contained approximately 3,147,400 square feet of floorspace. A comparison of that photography with [REDACTED] KEYHOLE photography of the plant revealed that approximately 329,650 square feet of floorspace had been added to the plant. By [REDACTED] the total floorspace in the plant was approximately 3,477,050 square feet. The additional floorspace was provided by a storage building (item 7),

a fabrication/assembly building (item 26), the addition of 9,850 square feet to an existing machine shop (item 20), and the addition of 26,600 square feet to an existing storage building (item 9). In [REDACTED] construction on these buildings was under way, [REDACTED] the fabrication/assembly building had been completed. By [REDACTED] the storage buildings and the machine shop had been completed. No changes were discernible in [REDACTED]

25X1D

25X1D

Table 1. Components of Perm Aircraft Engine Plant Stalin No 19 (Item numbers appear in Figure 2)

Item No	Description	Dimensions* (ft)	Floorspace (sq ft)
1	Administration bldg	235 x 60	14,100
2	Administration bldg	Irregular	50,400
3	Engine test cell bldg, 2 - single L-type test cells	Irregular	31,875
4	Fabrication assembly bldg	590 x 260	153,400
5	Fabrication assembly bldg	1,725 x 295	508,875
6	Fabrication assembly bldg	500 x 170	85,000
7	Storage bldg	280 x 230	64,400
8	Storage bldg	205 x 100	20,500
9	Storage bldg	665 x 120	79,800
10	Engine test cell assembly bldg, 3 single L-type test cells	565 x 305	172,325
11	Engine test cell assembly bldg, 10 double L-type test cells, 10 single L-type test cells	1,040 x 240	249,600
12	Fabrication assembly bldg	1,160 x 180	208,800
13	Machine shop	350 x 130	45,500
14	Machine shop	435 x 140	60,900
15	Engine test cell bldg, 8 double L-type test cells, 4 single L-type test cells	410 x 210	86,100
16	Fabrication assembly bldg	265 x 235	62,275
17	Fabrication assembly bldg	455 x 285	129,675
18	Powerplant & 6 support bldgs	Irregular	144,825
19	Fabrication assembly bldg	810 x 260	210,600
20	Machine shop	495 x 270	133,650
21	Fabrication assembly bldg	1,025 x 190	194,750
22	Fabrication assembly bldg	390 x 170	66,300
23	Fabrication assembly bldg	370 x 125	46,250
24	Fabrication assembly bldg	490 x 180	88,200
25	Fabrication assembly bldg	550 x 120	66,000
26	Fabrication assembly bldg	715 x 320	228,800
27	Fabrication assembly bldg	640 x 320	204,800
Total floorspace of numbered bldgs			3,407,700
Total floorspace of other bldgs			69,350
Total floorspace of plant			3,477,050

*All dimensions are approximate and were calculated by photogrammetrists in NPIC TID; engine test cell measurements were calculated by NPIC CIA PID photointerpreter.

- 3 -

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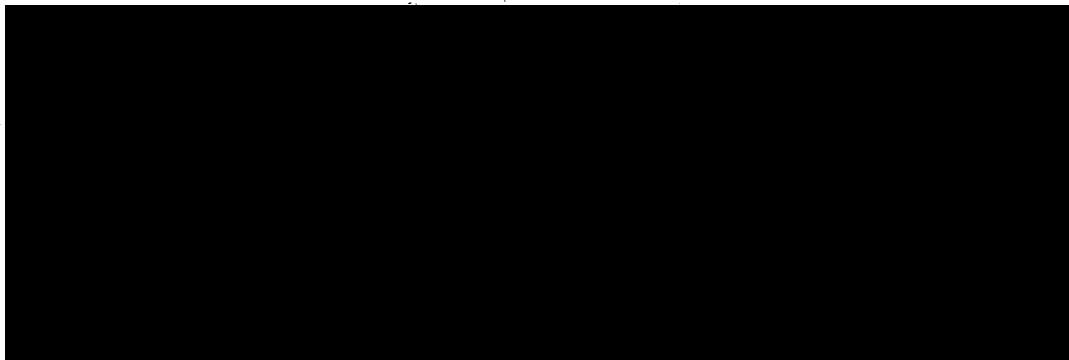
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REFERENCES

PHOTOGRAPHY

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MAPS OR CHARTS

SAC. US Air Target Chart, Series 200, Sheet 0156-11AL, 2d ed, Nov 59, scale 1:200,000 (SECRET)

REQUIREMENT

CIA. C-RR4-81,345

NPIC PROJECT

C-1442/64

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